

THE STATE



OF WYOMING

JIM GERINGER
GOVERNOR



Department of Environmental Quality

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(307) 332-3144

April 30, 1997

Dolly Potter, Environmental Manager
Solvay Minerals Incorporated
P.O. Box 1167
Green River, Wy 82935

Re: Expanded Capacity Calciner Testing

Dear Dolly:

The purpose of this letter is to respond to Solvay's April 25, 1997 letter requesting permission to exceed your current permitted maximum instantaneous calciner ore feed rates on the #3 calciner (AQD #48) in order to determine the upper bounds of the unit's capacity. The current maximum permitted trona ore feed rate for AQD #48 calciner is 162 TPH. The Division understands that you wish to conduct this capacity testing during May '97, and that you will conduct stack testing on the AQD #48 exhaust during the period of operations at expanded rates. Testing will follow standard Reference Methods, using Method 5/202 for particulate, Method 18 for HAP's, Method 25A (minus methane/ethane) for VOC's, Method 7 for NO_x, and Method 10 for CO.

The Division does not have any significant concerns with short term operation of the calciners above design for the purposes of process capacity testing and will allow the feed rate increase for the necessary periods to define peak and sustainable average throughput of the calciner. Please plan on notifying the Division of the proposed date(s) and duration of the testing to allow the scheduling of an observer.

The Division will require a complete report of the actual capacity testing program after the work is completed, including formal stack test reports on the Reference Method testing results, and summaries of the periods and magnitude that the calciner was operated at rates above the current permit limit. As you are aware, the Division will require a permit application for review of any regular operations above the 162 TPH permit limits.

Please feel free to copy me with any further questions on this matter.

Sincerely,

Lee Gribovicz, P.E.
District Air Quality Engineer

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